

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P#

Luminaire Tested: **44ID-70-L840-CFD2**

Issue Date: 9/24/2021

This test was performed under the Supervised Manufacturer's Testing Program. The results of this test have not been influenced by sources from within Cooper Lighting Solutions or from external interests.



**Test Information**

Test Method: LM-79-08  
Report Number: P#  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA ( 13890049.01)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/24/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 44ID-70-L840-CFD2  
Description: 7000 LUMEN 4X4 IN DEPTH LED LUMINAIRE, WITH DROPPED 2IN CUBE LENS  
AND 4000K CCT, 80CRI LEDS  
Light Source: -  
Ballast/Driver:  
Luminaire Equipment: Sample No.   Condition   Description

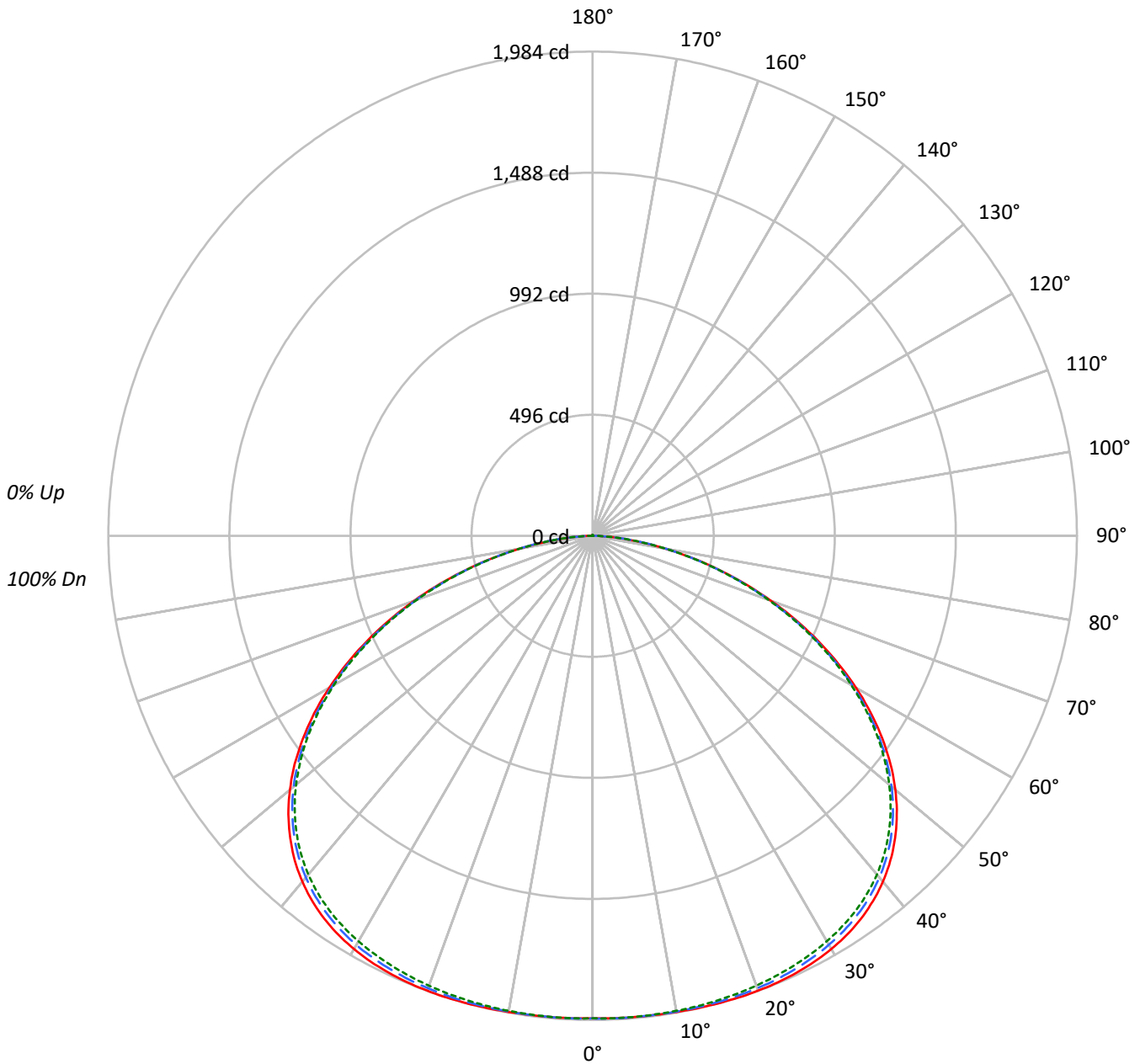
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7161.0 lumens  
Efficiency: N/A  
Efficacy: 131.2 lumens/watt  
Spacing Criteria (0/90/45): 1.48 / 1.45 / 1.57  
Luminous Opening: Rectangular w/ Sides (W: 3.88' x L: 3.88' x H: 0.17')  
CIE Type: Direct

Input Watts (W): 54.6  
Input Voltage (V):  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	108	103	99	95	105	101	97	93	97	93	90	93	90	87	89	87	85	82				82
2	98	89	82	76	95	87	81	75	84	78	73	80	76	71	77	73	70	68				68
3	89	78	69	62	86	76	68	62	73	66	60	70	64	59	67	63	58	56				56
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	60	54	49	47				47
5	74	61	51	44	72	59	51	44	57	49	43	55	48	43	53	47	42	40				40
6	68	54	45	38	66	53	44	38	51	43	38	50	43	37	48	42	37	35				35
7	63	49	40	33	61	48	39	33	46	39	33	45	38	33	43	37	32	30				30
8	58	44	36	29	57	44	35	29	42	35	29	41	34	29	40	33	29	27				27
9	54	41	32	26	53	40	32	26	39	31	26	38	31	26	37	30	26	24				24
10	51	37	29	24	50	37	29	24	36	28	23	35	28	23	34	28	23	21				21

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1412	1412	1412
5°	1413	1411	1413
10°	1426	1420	1422
15°	1450	1439	1441
20°	1484	1466	1467
25°	1526	1502	1502
30°	1573	1542	1543
35°	1621	1583	1588
40°	1664	1621	1630
45°	1696	1647	1661
50°	1710	1656	1676
55°	1699	1639	1666
60°	1656	1590	1626
65°	1577	1506	1551
70°	1452	1376	1429
75°	1267	1191	1253
80°	1006	933	999
85°	625	563	639



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	189.0	2.6
10°-20°	560.5	7.8
20°-30°	906.1	12.7
30°-40°	1186.8	16.6
40°-50°	1335.0	18.6
50°-60°	1277.4	17.8
60°-70°	996.3	13.9
70°-80°	561.5	7.8
80°-90°	138.9	1.9
90°-100°	0.5	0.0
100°-110°	0.8	0.0
110°-120°	1.5	0.0
120°-130°	2.3	0.0
130°-140°	1.8	0.0
140°-150°	1.1	0.0
150°-160°	0.8	0.0
160°-170°	0.5	0.0
170°-180°	0.2	0.0
0°-30°	1655.6	23.1
0°-40°	2842.5	39.7
0°-60°	5454.8	76.2
0°-90°	7151.5	99.9
90°-120°	2.7	0.0
90°-150°	7.9	0.1
90°-180°	9.0	0.1
0°-180°	7161.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1978	1978	1978	1978	1978	
5°	1980	1980	1980	1980	1979	189
15°	1984	1983	1979	1974	1972	562
25°	1976	1972	1960	1949	1945	913
35°	1916	1910	1894	1882	1877	1199
45°	1752	1745	1731	1722	1716	1350
55°	1449	1441	1431	1425	1420	1292
65°	1019	1015	1008	1005	1003	1006
75°	533	533	530	529	527	565
85°	114	115	116	117	116	132
90°	1	1	1	1	1	5
95°	0	0	0	0	0	0
105°	1	1	1	1	1	1
115°	1	1	1	1	1	1
125°	3	3	3	3	3	2
135°	2	2	2	2	2	2
145°	2	2	2	2	2	1
155°	2	2	2	2	2	1
165°	2	2	2	2	2	1
175°	2	2	2	2	2	0
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1977.7	1977.7	1977.7	1977.7	1977.7
0.5°	1977.2	1978.6	1979.1	1978.6	1977.7
1°	1977.7	1978.6	1979.1	1979.1	1978.1
1.5°	1978.1	1979.1	1979.1	1979.1	1978.6
2°	1978.1	1979.1	1979.1	1979.6	1978.6
2.5°	1978.6	1979.6	1979.6	1979.6	1978.6
3°	1979.1	1979.6	1979.6	1979.6	1979.1
3.5°	1979.1	1979.6	1979.6	1979.6	1979.1
4°	1979.6	1979.6	1979.6	1979.6	1979.1
4.5°	1979.6	1980.1	1979.6	1979.6	1979.1
5°	1979.6	1980.1	1979.6	1979.6	1979.1
5.5°	1979.6	1980.1	1979.6	1979.6	1979.1
6°	1980.1	1980.1	1979.6	1979.6	1978.6
6.5°	1980.1	1980.6	1980.1	1979.6	1978.6
7°	1980.1	1980.6	1979.6	1979.6	1978.6
7.5°	1980.1	1980.6	1979.6	1979.1	1978.1
8°	1980.6	1980.6	1980.1	1979.1	1978.1
8.5°	1980.6	1981.0	1979.6	1979.1	1977.7
9°	1981.0	1981.0	1980.1	1978.6	1977.7
9.5°	1981.0	1981.5	1979.6	1978.6	1977.2
10°	1981.5	1981.5	1979.6	1978.1	1976.7
10.5°	1982.0	1982.0	1979.6	1978.1	1976.7
11°	1982.0	1982.0	1979.6	1977.7	1976.2
11.5°	1982.5	1982.5	1979.6	1977.2	1975.7
12°	1982.5	1982.5	1979.6	1977.2	1975.2
12.5°	1983.0	1982.5	1979.1	1976.7	1974.8
13°	1983.0	1982.5	1979.1	1976.2	1974.3
13.5°	1983.4	1983.0	1979.1	1975.7	1973.8
14°	1983.4	1983.0	1979.1	1975.2	1972.8
14.5°	1983.9	1983.0	1978.6	1974.8	1972.4
15°	1983.9	1983.4	1978.6	1974.3	1971.9
15.5°	1984.4	1983.4	1978.1	1973.3	1970.9
16°	1983.9	1983.4	1977.7	1972.8	1969.9
16.5°	1984.4	1983.4	1977.7	1971.9	1969.0
17°	1984.4	1983.0	1977.2	1970.9	1968.5
17.5°	1984.4	1983.0	1976.2	1970.4	1967.5
18°	1984.4	1983.0	1975.7	1969.5	1966.1
18.5°	1984.4	1982.5	1975.2	1968.5	1965.1
19°	1983.9	1982.5	1974.8	1967.5	1964.2
19.5°	1983.9	1982.0	1973.8	1966.1	1962.7
20°	1983.4	1981.5	1972.8	1965.1	1961.7
20.5°	1983.0	1981.0	1972.4	1964.2	1960.3
21°	1983.0	1980.6	1971.4	1962.7	1958.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
22.5°	1981.0	1978.1	1968.0	1958.4	1954.0
23°	1980.1	1977.2	1966.6	1956.9	1952.6
23.5°	1979.1	1976.2	1965.1	1955.0	1950.6
24°	1978.1	1975.2	1963.7	1953.1	1948.7
24.5°	1977.2	1973.8	1962.2	1951.1	1946.8
25°	1975.7	1972.4	1960.3	1949.2	1944.9
25.5°	1974.3	1970.9	1958.4	1947.3	1942.4
26°	1972.8	1969.5	1956.4	1945.3	1940.5
26.5°	1971.4	1967.5	1954.5	1942.9	1938.1
27°	1969.5	1965.6	1952.1	1940.5	1935.7
27.5°	1967.5	1963.7	1949.7	1938.1	1933.3
28°	1965.6	1961.3	1947.3	1935.7	1930.9
28.5°	1963.2	1958.8	1944.9	1932.8	1928.0
29°	1960.8	1956.4	1942.0	1929.9	1925.1
29.5°	1958.4	1953.5	1939.1	1927.0	1921.7
30°	1955.5	1950.6	1935.7	1923.6	1918.3
30.5°	1952.6	1947.8	1932.3	1920.3	1915.4
31°	1949.2	1944.4	1928.9	1916.9	1911.6
31.5°	1946.3	1941.0	1925.1	1913.5	1908.2
32°	1942.4	1937.1	1921.7	1909.6	1904.3
32.5°	1938.6	1933.3	1917.4	1905.3	1900.0
33°	1934.7	1928.9	1913.0	1901.4	1895.7
33.5°	1930.4	1924.6	1908.7	1897.1	1891.3
34°	1925.6	1919.8	1903.9	1892.3	1887.0
34.5°	1920.7	1915.0	1899.0	1887.5	1882.2
35°	1915.9	1909.6	1893.7	1882.2	1876.8
35.5°	1910.6	1904.3	1888.4	1876.8	1871.5
36°	1905.3	1898.6	1882.6	1871.5	1865.8
36.5°	1899.0	1892.8	1876.8	1865.8	1860.4
37°	1892.8	1886.5	1870.6	1859.5	1854.2
37.5°	1886.5	1879.7	1864.3	1853.2	1847.4
38°	1879.7	1873.5	1857.6	1846.9	1841.2
38.5°	1873.0	1866.2	1850.3	1839.7	1834.4
39°	1865.8	1858.5	1843.1	1833.0	1827.2
39.5°	1858.0	1850.8	1835.8	1825.2	1819.9
40°	1849.8	1843.1	1827.6	1817.5	1812.2
40.5°	1842.1	1834.9	1819.4	1809.8	1804.0
41°	1833.4	1826.2	1811.2	1801.1	1795.3
41.5°	1824.3	1817.0	1802.1	1792.4	1786.6
42°	1815.1	1807.9	1792.9	1783.8	1777.5
42.5°	1805.5	1798.2	1783.3	1774.1	1768.3
43°	1795.8	1788.1	1773.6	1764.5	1758.7
43.5°	1785.7	1778.0	1763.5	1754.3	1748.5



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
45°	1752.4	1744.7	1730.7	1722.5	1716.2
45.5°	1740.8	1732.6	1719.1	1710.9	1705.1
46°	1728.8	1720.6	1707.1	1698.9	1693.1
46.5°	1716.2	1708.0	1695.0	1686.8	1681.0
47°	1703.2	1695.5	1682.0	1674.7	1668.5
47.5°	1690.2	1682.0	1669.0	1661.7	1655.4
48°	1677.2	1668.5	1655.9	1648.2	1641.9
48.5°	1663.2	1655.0	1642.4	1635.2	1629.4
49°	1648.2	1640.5	1628.0	1620.2	1614.9
49.5°	1633.7	1626.0	1613.5	1606.2	1600.5
50°	1618.8	1610.6	1599.0	1591.8	1586.0
50.5°	1603.4	1595.2	1583.6	1576.3	1571.0
51°	1587.9	1579.7	1568.1	1560.9	1555.1
51.5°	1571.5	1563.3	1551.7	1545.0	1539.7
52°	1555.1	1546.9	1535.3	1529.1	1523.8
52.5°	1538.7	1530.5	1518.9	1512.2	1507.4
53°	1520.9	1513.2	1502.5	1496.3	1491.0
53.5°	1503.0	1495.3	1484.7	1478.4	1473.6
54°	1485.2	1477.5	1466.8	1460.6	1456.2
54.5°	1467.8	1459.6	1449.5	1443.2	1438.9
55°	1449.0	1441.3	1431.2	1424.9	1420.5
55.5°	1430.2	1422.5	1412.3	1406.1	1402.2
56°	1410.4	1403.2	1393.0	1387.7	1383.9
56.5°	1390.6	1383.9	1373.8	1368.4	1364.6
57°	1371.3	1364.1	1354.5	1349.6	1345.8
57.5°	1352.0	1344.3	1334.7	1329.9	1326.0
58°	1330.8	1323.6	1314.4	1309.6	1306.2
58.5°	1310.1	1303.3	1293.7	1289.3	1286.0
59°	1289.3	1282.6	1273.4	1269.1	1265.7
59.5°	1267.6	1261.4	1252.2	1247.9	1244.5
60°	1246.4	1239.7	1231.0	1227.1	1223.7
60.5°	1224.7	1218.9	1209.7	1205.9	1202.5
61°	1202.5	1196.7	1188.0	1184.2	1180.8
61.5°	1179.8	1175.0	1166.3	1162.5	1159.6
62°	1157.7	1152.8	1144.1	1140.8	1137.9
62.5°	1135.0	1130.2	1121.5	1118.1	1115.2
63°	1112.3	1107.5	1099.3	1095.9	1093.0
63.5°	1089.2	1084.3	1076.6	1073.2	1070.3
64°	1066.0	1061.2	1053.0	1050.6	1047.2
64.5°	1042.9	1038.0	1029.8	1027.4	1024.5
65°	1019.2	1015.4	1007.6	1004.7	1002.8
65.5°	996.1	991.2	984.0	981.6	978.7
66°	971.5	967.6	960.4	958.0	956.0





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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
67.5°	900.1	895.7	889.5	887.1	884.6
68°	875.5	871.6	865.3	863.4	861.0
68.5°	850.9	847.0	840.7	839.3	837.9
69°	826.3	822.4	817.1	815.7	813.7
69.5°	802.2	798.3	793.5	792.0	789.6
70°	777.6	774.2	769.4	767.9	765.5
70.5°	753.0	749.6	745.2	743.8	741.4
71°	728.4	725.5	721.6	719.7	717.3
71.5°	704.2	701.3	697.0	695.6	693.6
72°	679.6	677.2	672.9	671.9	669.5
72.5°	655.0	653.1	648.8	647.8	645.9
73°	630.4	628.5	624.2	623.2	621.8
73.5°	606.3	604.4	600.5	599.1	597.6
74°	582.2	580.8	576.9	575.9	574.0
74.5°	557.6	556.6	553.3	551.8	550.4
75°	533.0	533.0	529.6	528.7	527.2
75.5°	509.4	509.4	506.0	505.0	503.6
76°	485.7	485.7	482.4	481.4	479.5
76.5°	461.9	462.0	459.2	458.2	456.6
77°	439.0	439.2	436.6	435.3	433.7
77.5°	414.5	415.7	413.6	412.4	410.8
78°	391.7	393.2	391.0	390.1	388.7
78.5°	370.2	371.1	369.7	368.6	366.7
79°	347.7	348.4	347.5	346.5	344.7
79.5°	325.5	326.7	326.1	325.2	323.1
80°	304.2	305.1	305.2	303.9	302.0
80.5°	281.8	283.6	283.9	282.6	281.6
81°	261.1	262.8	263.3	262.5	261.2
81.5°	240.8	242.8	243.2	242.8	241.0
82°	220.4	222.8	223.5	223.2	221.3
82.5°	200.9	203.6	204.4	204.1	202.3
83°	182.0	184.9	185.7	185.9	184.3
83.5°	163.7	166.5	167.4	167.7	165.9
84°	146.2	148.7	149.8	150.3	148.8
84.5°	129.5	131.5	132.9	133.5	132.8
85°	113.7	115.2	116.5	117.4	116.3
85.5°	98.5	99.7	100.6	102.0	101.2
86°	84.3	85.5	86.1	87.2	87.2
86.5°	70.8	71.3	71.9	73.1	73.1
87°	57.9	57.9	58.1	59.7	59.8
87.5°	44.7	45.1	45.2	46.6	47.1
88°	31.5	32.6	32.9	34.2	34.1
88.5°	22.3	22.3	22.2	23.5	23.8



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**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
90°	1.1	1.0	1.1	1.1	1.0
90.5°	0.3	0.3	0.3	0.4	0.3
91°	0.3	0.3	0.3	0.3	0.3
91.5°	0.4	0.3	0.4	0.3	0.2
92°	0.3	0.3	0.3	0.4	0.3
92.5°	0.4	0.3	0.3	0.4	0.3
93°	0.4	0.4	0.4	0.3	0.3
93.5°	0.4	0.3	0.4	0.4	0.4
94°	0.4	0.4	0.4	0.4	0.5
94.5°	0.4	0.4	0.4	0.4	0.4
95°	0.4	0.3	0.4	0.4	0.5
95.5°	0.4	0.4	0.5	0.4	0.5
96°	0.5	0.5	0.4	0.4	0.5
96.5°	0.5	0.5	0.5	0.4	0.5
97°	0.5	0.5	0.5	0.4	0.6
97.5°	0.6	0.5	0.5	0.4	0.6
98°	0.6	0.5	0.5	0.5	0.6
98.5°	0.6	0.5	0.5	0.5	0.6
99°	0.6	0.6	0.5	0.5	0.5
99.5°	0.6	0.5	0.6	0.5	0.5
100°	0.6	0.6	0.6	0.6	0.6
100.5°	0.6	0.6	0.6	0.6	0.6
101°	0.7	0.6	0.6	0.6	0.6
101.5°	0.7	0.6	0.6	0.6	0.7
102°	0.8	0.6	0.7	0.6	0.7
102.5°	0.7	0.6	0.6	0.7	0.7
103°	0.7	0.6	0.7	0.6	0.7
103.5°	0.7	0.7	0.7	0.7	0.6
104°	0.8	0.7	0.7	0.7	0.6
104.5°	0.7	0.8	0.8	0.8	0.7
105°	0.9	0.8	0.7	0.8	0.8
105.5°	0.8	0.7	0.8	0.7	0.7
106°	0.8	0.8	0.8	0.8	0.9
106.5°	0.9	0.8	0.8	0.8	0.7
107°	0.8	0.8	0.9	0.9	0.8
107.5°	0.9	0.8	0.9	0.9	0.9
108°	0.9	0.8	0.8	0.9	0.8
108.5°	0.9	0.9	0.9	0.9	0.8
109°	1.0	0.9	0.9	0.9	1.0
109.5°	1.0	0.9	1.0	1.0	0.9
110°	1.0	1.0	1.0	1.0	1.0
110.5°	1.0	1.0	1.0	1.0	1.1
111°	1.0	1.1	1.1	1.1	1.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	1.2	1.3	1.2	1.1
113°	1.3	1.2	1.2	1.2	1.2
113.5°	1.3	1.3	1.3	1.4	1.4
114°	1.4	1.4	1.4	1.4	1.4
114.5°	1.4	1.4	1.4	1.4	1.3
115°	1.4	1.4	1.4	1.4	1.4
115.5°	1.6	1.4	1.5	1.5	1.4
116°	1.5	1.6	1.6	1.5	1.5
116.5°	1.6	1.6	1.6	1.6	1.6
117°	1.7	1.7	1.7	1.7	1.5
117.5°	1.8	1.7	1.8	1.7	1.6
118°	1.8	1.8	1.9	1.8	1.7
118.5°	2.0	1.9	1.9	1.8	1.8
119°	2.0	2.0	2.0	1.9	1.9
119.5°	2.0	2.0	2.0	2.0	1.9
120°	2.1	2.1	2.1	2.0	2.1
120.5°	2.2	2.1	2.2	2.1	2.1
121°	2.2	2.2	2.2	2.2	2.1
121.5°	2.4	2.3	2.3	2.2	2.2
122°	2.3	2.4	2.3	2.3	2.3
122.5°	2.5	2.4	2.4	2.4	2.3
123°	2.5	2.5	2.4	2.4	2.4
123.5°	2.5	2.6	2.5	2.4	2.5
124°	2.6	2.6	2.6	2.5	2.5
124.5°	2.7	2.6	2.6	2.5	2.5
125°	2.8	2.7	2.7	2.6	2.6
125.5°	2.8	2.7	2.7	2.6	2.7
126°	2.8	2.7	2.7	2.7	2.6
126.5°	2.7	2.7	2.8	2.7	2.7
127°	2.8	2.8	2.7	2.7	2.6
127.5°	2.9	2.8	2.8	2.7	2.6
128°	2.9	2.7	2.7	2.7	2.7
128.5°	2.8	2.8	2.7	2.6	2.7
129°	2.7	2.7	2.7	2.7	2.6
129.5°	2.7	2.7	2.7	2.7	2.7
130°	2.7	2.7	2.7	2.6	2.6
130.5°	2.8	2.7	2.7	2.5	2.6
131°	2.7	2.7	2.7	2.5	2.6
131.5°	2.7	2.6	2.5	2.5	2.5
132°	2.7	2.6	2.6	2.5	2.5
132.5°	2.7	2.6	2.5	2.5	2.5
133°	2.6	2.5	2.5	2.3	2.4
133.5°	2.6	2.5	2.4	2.3	2.4



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
135°	2.5	2.4	2.3	2.2	2.4
135.5°	2.4	2.4	2.3	2.2	2.3
136°	2.3	2.3	2.2	2.1	2.3
136.5°	2.4	2.3	2.2	2.1	2.3
137°	2.3	2.2	2.2	2.1	2.2
137.5°	2.3	2.2	2.1	2.0	2.1
138°	2.2	2.1	2.0	2.0	2.1
138.5°	2.3	2.1	2.1	1.9	2.1
139°	2.0	2.1	2.0	1.8	2.1
139.5°	2.1	2.0	1.9	1.9	2.1
140°	2.1	1.9	2.0	1.8	1.9
140.5°	2.1	1.9	1.9	1.8	1.9
141°	2.0	1.9	1.9	1.7	1.8
141.5°	1.8	1.9	1.9	1.7	1.8
142°	1.8	1.8	1.9	1.8	1.7
142.5°	1.8	1.9	1.8	1.7	1.7
143°	1.9	1.8	1.8	1.8	1.7
143.5°	1.9	1.8	1.8	1.7	1.7
144°	1.9	1.7	1.9	1.6	1.7
144.5°	1.8	1.7	1.8	1.7	1.7
145°	1.8	1.7	1.8	1.6	1.7
145.5°	1.8	1.7	1.7	1.6	1.8
146°	1.8	1.7	1.6	1.6	1.7
146.5°	1.8	1.7	1.6	1.6	1.7
147°	1.8	1.7	1.6	1.6	1.6
147.5°	1.7	1.7	1.6	1.6	1.8
148°	1.8	1.7	1.6	1.6	1.8
148.5°	1.8	1.7	1.6	1.6	1.8
149°	1.8	1.7	1.6	1.6	1.8
149.5°	1.9	1.6	1.6	1.6	1.8
150°	1.8	1.7	1.6	1.6	1.8
150.5°	1.8	1.7	1.6	1.6	1.8
151°	1.9	1.7	1.6	1.6	1.9
151.5°	1.8	1.7	1.6	1.6	1.9
152°	1.9	1.7	1.7	1.7	1.8
152.5°	1.9	1.8	1.6	1.7	1.9
153°	1.8	1.7	1.7	1.8	1.9
153.5°	2.0	1.8	1.6	1.7	1.9
154°	1.9	1.8	1.7	1.7	1.9
154.5°	1.9	1.7	1.7	1.8	1.9
155°	1.8	1.8	1.8	1.8	2.0
155.5°	1.9	1.7	1.7	1.8	1.9
156°	1.8	1.8	1.8	1.8	1.9



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
157.5°	1.8	1.7	1.7	1.8	1.9
158°	1.9	1.8	1.7	1.8	1.9
158.5°	1.8	1.8	1.7	1.8	1.9
159°	1.9	1.8	1.7	1.8	2.0
159.5°	1.8	1.7	1.7	1.8	2.0
160°	1.8	1.8	1.7	1.8	1.9
160.5°	1.8	1.7	1.7	1.8	1.9
161°	1.8	1.7	1.7	1.8	1.9
161.5°	1.8	1.8	1.7	1.7	1.8
162°	1.8	1.7	1.8	1.8	1.8
162.5°	1.9	1.8	1.8	1.8	1.9
163°	1.9	1.8	1.8	1.8	1.8
163.5°	1.8	1.8	1.8	1.8	2.0
164°	1.8	1.8	1.8	1.9	1.9
164.5°	1.7	1.9	1.8	1.9	2.0
165°	1.8	1.8	1.7	1.9	1.9
165.5°	1.7	1.8	1.7	2.0	1.9
166°	1.8	1.8	1.8	1.9	1.9
166.5°	1.8	1.8	1.7	2.0	1.8
167°	1.8	1.9	1.8	2.0	2.0
167.5°	1.8	1.9	1.8	2.1	2.0
168°	1.9	1.9	1.8	2.0	1.9
168.5°	1.8	2.0	1.9	2.2	2.0
169°	2.0	1.9	1.8	2.2	2.0
169.5°	1.9	1.9	1.8	2.1	2.0
170°	2.0	1.9	1.9	2.2	2.0
170.5°	2.0	2.0	1.9	2.2	2.1
171°	2.0	2.0	2.0	2.2	2.1
171.5°	1.9	2.0	2.0	2.2	2.0
172°	1.9	2.0	2.0	2.2	2.1
172.5°	2.0	2.0	2.1	2.2	2.1
173°	1.9	1.9	2.1	2.2	2.1
173.5°	2.1	2.0	2.1	2.2	2.2
174°	2.1	2.1	2.3	2.2	2.1
174.5°	2.1	2.2	2.2	2.3	2.2
175°	2.3	2.2	2.3	2.3	2.2
175.5°	2.3	2.2	2.4	2.3	2.3
176°	2.4	2.3	2.3	2.2	2.2
176.5°	2.4	2.3	2.3	2.1	2.2
177°	2.3	2.3	2.2	2.1	2.2
177.5°	2.4	2.3	2.1	2.1	2.3
178°	2.2	2.2	2.1	2.1	2.1
178.5°	2.2	2.1	2.0	2.0	2.0



TEST NUMBER: P#

CATALOG NUMBER: 44ID-70-L840-CFD2

**CANDELA DISTRIBUTION (continued):**

	0°	22.5°	45°	67.5°	90°
180°	1.9	1.9	1.9	1.9	1.9



Report Generated By 670246072 / DESKTOP-MV3F9LC







— 0°-180°    - - 45°-225°    - - - - 90°-270°







21.5°	1982.5	1980.1	1970.4	1961.3	1957.4
22°	1981.5	1979.1	1969.0	1959.8	1956.0



44°	1774.6	1767.4	1752.9	1744.2	1738.4
44.5°	1763.5	1755.8	1742.3	1733.1	1727.3



66.5°	947.8	944.0	936.7	934.3	931.9
67°	924.2	919.9	913.1	910.7	908.8



89°	14.1	13.8	13.7	14.4	14.6
89.5°	6.2	6.3	6.2	6.6	6.5



111.5°	1.2	1.1	1.1	1.1	1.1
112°	1.2	1.1	1.1	1.1	1.2





134°	2.5	2.4	2.4	2.3	2.5
134.5°	2.5	2.4	2.4	2.2	2.3



156.5°	1.9	1.7	1.8	1.8	1.9
157°	1.8	1.7	1.8	1.8	1.9



179°	2.1	2.0	1.9	2.0	2.1
179.5°	1.8	1.9	1.9	1.8	2.0



(END OF REPORT)